

What is claimed is:

1. A method of manufacturing radiating module,  
comprising the steps of:

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- a. forming coaxial upper through holes and lower  
through holes on a plurality of radiating fins,  
such that each of said upper and lower through  
holes has an annular flange axially extended  
toward the same side of said radiating fins;

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- b. successively and parallelly arranging said  
radiating fins, so that a space equal to an axial  
length of said annular flange is left between  
any two adjacent radiating fins to serve as an  
air passage, and said coaxial upper and lower  
through holes form several rows of hollow paths  
on said radiating fins;

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- c. extending two ends of a plurality of U-shaped  
heat-transfer tubes into said hollow paths  
formed from said coaxial upper and lower through  
holes, so that said radiating fins are connected  
to said heat-transfer tubes; and

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- d. connecting a seat to said heat-transfer tubes,

so that said seat is in contact with a bottom surface of said radiating fins.

2. The method of manufacturing radiating module as  
5 claimed in claim 1, wherein said step (d) further includes the step of applying a bonder on a surface of said seat in contact with said heat-transfer tubes, so as to bond said seat to said heat-transfer tubes.

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3. The method of manufacturing radiating module as claimed in claim 2, wherein said bonder is selected from the group consisting of paste tin, gold, and silver.

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4. The method of manufacturing radiating module as claimed in claim 1, wherein said radiating fins are made of aluminum material, and said seat and said heat-transfer tubes are made of copper material.

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5. A radiating module, comprising:

a plurality of radiating fins having through holes formed at predetermined positions thereon;

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at least one heat-transfer tube extended through

said through holes formed on said radiating fins;  
and

a seat connected to said at least one heat-transfer  
5 tube and in contact with a lower surface of said  
radiating fins;

whereby heat energy may be quickly transferred from  
said seat to said at least one heat-transfer tube  
10 and then radiated from said radiating fins.

6. The radiating module as claimed in claim 5, wherein  
said seat has an area smaller than an area of said  
lower surface of said radiating fins.

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7. The radiating module as claimed in claim 5, wherein  
said radiating fins are made of aluminum material,  
and said at least one heat-transfer tube and said  
seat are made of copper material.

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8. The radiating module as claimed in claim 5, wherein  
said lower surface of said radiating fins is  
provided with an open-bottomed recess, into which  
said seat is set.

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9. The radiating module as claimed in claim 5, wherein

said at least one heat-transfer tube has at least one U-turn provided at a predetermined position on said heat-transfer tube.

5 10. The radiating module as claimed in claim 5, wherein there are two or more said heat-transfer tubes included in said radiating module.

10 11. The radiating module as claimed in claim 5, wherein said seat and said at least one heat-transfer tube are connected to one another via bonder.

15 12. The radiating module as claimed in claim 11, wherein said bonder is selected from the group consisting of paste tin, gold, and silver.

13. A radiating module, comprising:

20 a plurality of radiating fins having through holes formed at predetermined positions thereon, and open-bottomed grooves formed at a lower surface thereof;

25 at least one heat-transfer tube, a first part of which is extended through said through holes formed on said radiating fins, and a second part of which

opposite to said first part is extended into said  
open-bottomed grooves; and

5 a seat connected to said at least one heat-transfer  
tube and in contact with said lower surface of said  
radiating fins;

whereby heat energy may be quickly transferred from  
said seat to said at least one heat-transfer tube  
10 and then radiated from said radiating fins.

14. The radiating module as claimed in claim 13, wherein  
said seat has an area smaller than said lower surface  
of said radiating fins.

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15. The radiating module as claimed in claim 13, wherein  
said radiating fins are made of aluminum material,  
and said at least one heat-transfer tube and said  
seat are made of copper material.

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16. The radiating module as claimed in claim 13, wherein  
said at least one heat-transfer tube has at least  
one U-turn provided at a predetermined position on  
said heat-transfer tube.

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17. The radiating module as claimed in claim 13, wherein

there are two or more said heat-transfer tubes  
included in said radiating module.

18. The radiating module as claimed in claim 13, wherein  
5 said seat and said at least one heat-transfer tube  
are connected to one another via bonder.

19. The radiating module as claimed in claim 18, wherein  
said bonder is selected from the group consisting  
10 of paste tin, gold, and silver.